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**TAG 104 User Guide**

**TAG104-01 Dalai Lama**



Opaque. Melt in with a neutral flame, lightly reduce, and cool lightly. Then strike in a neutral-to-oxidizing flame for beautiful Painted Desert effects. Colors range from tans and ambers to blues and greens, and gorgeous pinks and purples. This glass also encases well, and retains a reactive effect under clear.

**TAG104-02 Zeus**



This glass appears crystal clear in the rod, but changes dramatically when reduced, then struck. Zeus turns amber by itself and over light colors. Over black it can be struck to a range from royal blue to turquoise to green. Can also be reduced further to amber brown opaques. Encases well, retains reaction under clear. Remember, Zeus likes to be 'activated' by a light reduction before it will strike.

**TAG104-04 Super Clear**



The holy grail of bead makers is the perfect clear. Resists scumming and is optically superior to the Italian clears.

**TAG104-05 Oxblood**



A self-striking dark grey rod that can make at least three colors when flameworked. It oxidizes to black, reduces to a grey, and, with super-heating and further reduction can produce subtle terra-cotta and brick reds. Very earthy.

ArrowSprings.com  
**TAG 104 User Guide**

**TAG104-06 Black Cherry**



This glass comes transparent, but kiln-strikes up to a super-dark antique ruby red. Can be reduced. Work cool or heat your bead back to transparency at the end of yourameworking time, to prevent it from getting "muddy" while in the annealer. The longer Black Cherry remains at annealing temperatures, the darker it gets. Cooler annealing temperatures slow down the rate at which the striking develops. To have all Black Cherry pieces made during a secession strike to the same level, garage (placing and holding glass items in an annealer throughout the working secession) them a 800° F (425° C), then bring them all to annealing temperature at the same time.

**TAG104-07 Tibet**



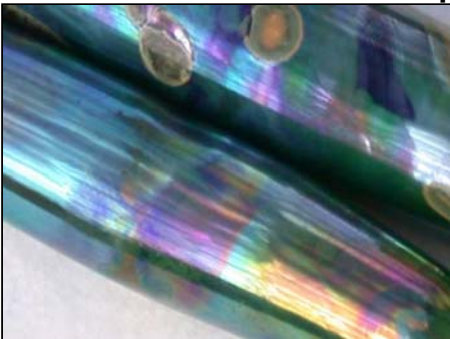
Just like the classic reactive amber/purple boro, now in 104 soft glass! A transparent version of TAG-104-01 Dalai Lama, this amber/purple glass strikes easily in a neutral flame, producing electric greens over black, or electric blues and purples alone. It also transmits a dark red amber once struck. Like the other reactive glasses, best results come from a light reduction followed by striking in a neutral to oxidizing flame.

**TAG104-08 Cezanne**



A highly saturated cobalt/purple silvered glass. Darker and more reactive than Blue Buddha, and can go very metallic. Some batches are more streaky than others, but all reduce easily in the flame. Work it a bit cool.

**TAG104-09 Taxco Silver Turquoise**



Taxco (pronounced TASS-ko) is named for the town in Mexico most renowned for combining silver and turquoise. Taxco is a reactive silvered glass that reduces. Iridescent effects are produced in a reducing flame with ZERO oxygen in a large, bushy propane flame. Beads shown on the website are a base of Vetrofond black and Moretti Ivory, encased in Taxco and reduced.

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**TAG104-10 Juno**



**Note: Juno does not work with every clear. Annealing at the upper end of the annealing temperature range and soaking for a longer time helps prevent breakage.**

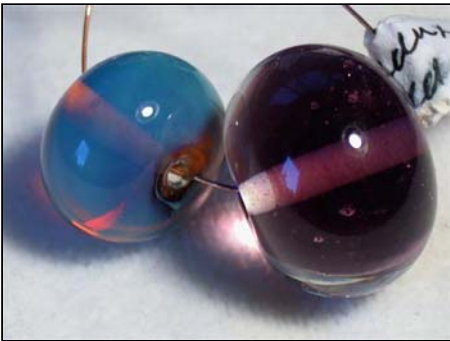
Named for the wife of Zeus, Juno is a gorgeous pink reactive glass. Juno strikes a little pinker, and reacts nicely with light colored glasses, like 104 ivory, by striking into blues, purples and coppery amber colors. Juno also reduces, becoming an unusual amber-orangey-pink with a lightly shimmering blue metallic sheen. The image shown on the website shows the range of colors typical from striking Juno over Moretti Dark Ivory. In general, Juno stays more purple if you keep the rod glass cooler, while it tends to turn more coppery where the rod was heated more as the glass was added.

**TAG104-12 Lake Geneva**



A pretty transparent medium blue reducing glass, Lake Geneva can make super-metallic effects when reduced with little or no oxygen, and a thicker, more opaque reduction film when reduced with some oxygen in the mix. In general, Lake Geneva makes blues, greens and some purples when reduced. The reduction can be made more opaque by striking it. The reduction can also be encased. The website shows some of the range of Lake Geneva: back left is solo and reduced; front left is reduced, then dotted with TAG Super Clear, and the reduction was burned off between the dots with a neutral flame, showing the rod color. The bead on the right is Lake Geneva over Vetrofond black, reduced and dotted over with Super Clear.

**TAG104-13 Montreux**



A pretty transparent medium blue reducing glass, Lake Geneva can make super-metallic effects when reduced with little or no oxygen, and a thicker, more opaque reduction film when reduced with some oxygen in the mix. In general, Lake Geneva makes blues, greens and some purples when reduced. The reduction can be made more opaque by striking it. The reduction can also be encased. The website shows some of the range of Lake Geneva: back left is solo and reduced; front left is reduced, then dotted with TAG Super Clear, and the reduction was burned off between the dots with a neutral flame, showing the rod color. The bead on the right is Lake Geneva over Vetrofond black, reduced and dotted over with Super Clear.

**TAG104-14 Deep Purple**



The band Deep Purple wrote their biggest hit, "Smoke on the Water" after a fire in the casino at Montreux, Switzerland (on the shores of Lake Geneva) forced them to change their recording plans. TAG's Deep Purple is a smoky, deep dark purple transparent glass. Deep Purple reduces with super-metallic effects with little or no oxygen, and gains a thicker, more opaque reduction film when reduced with some oxygen in the mix. The reduction can be made more opaque by striking it, and it can also be encased. Deep Purple generally reduces with blues and greens, but can also create purples, pinks and even bronze-like tones in the metallic sheen. The density of the color also lends itself well to thin applications, including stringers. On the website you can see a thin layer of Deep Purple reduced over Moretti ivory (top), reduced over TAG Super Clear (middle) and reduced over Vetrofond black (bottom.) The black

sample also includes dots of Super Clear.